

Division of Solid and Hazardous Waste  
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## **RECYCLING CENTER GENERAL APPROVAL**

Under the provisions of N.J.S.A. 13:1E-1 *et seq.* and N.J.S.A. 13:1E-99.11 *et seq.* known as the Solid Waste Management Act and the New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 *et seq.* known as the Recycling Rules, this General Approval is hereby issued to:

### **EASTERN ORGANIC RESOURCES, L.L.C.**

FACILITY TYPE: Recycling Center for Class C Recyclable Materials  
LOT NO.: 11 (portion of)  
BLOCK NO.: 1901  
MUNICIPALITY: Springfield Township  
COUNTY: Burlington  
FACILITY REGISTRATION NO.: 0334000187

This general approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This General Approval shall not prejudice any claim the State may have to riparian land, nor does it allow the holder to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment areas or flood plains, or that are within the Coastal Area Facility Review Act (CAFRA) Zone or subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits or approvals from the Department of Environmental Protection.

This General Approval shall become null and void if the sale of Bryony, Ltd. and Woodhue, Ltd. to Eastern Organic Resources, L.L.C. does not close by June 26, 2003.

June 16, 2003

Issuance Date

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Thomas Sherman, Assistant Director  
Office of Permitting & Technical Programs

June 16, 2008

Expiration Date

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## Scope of Approval

This approval, along with the referenced application documents herein specified, shall constitute the sole Recycling Center General Approval for the operation of the Eastern Organic Resources, L.L.C. recycling center located in Springfield Township, Burlington County, New Jersey. Any registration, approval or permit previously issued by the Division of Solid and Hazardous Waste or its predecessor agencies to Eastern Organic Resources, L.L.C. is hereby superseded.

This general approval does not convey any property rights of any sort, or any exclusive privilege. Failure to comply with all of the conditions specified herein may result in revocation of this approval and/or may result in such other regulatory or legal actions that the Department is authorized by law to institute, including but not limited to, civil and administrative penalty assessments.

## Regulated Activities at the Recycling Centers

Section I of the approval contains the general conditions applicable to all recycling centers. Section II of the approval contains general operating requirements for all recycling centers for receipt, storage, processing or transfer of Class C recyclable materials. Section III of the approval contains specific conditions applicable to the receipt, storage, processing and transfer of Class C recyclable materials at the facility.

## Recycling Center Description

The recycling center is a private compost recycling center operated by Eastern Organic Resources, L.L.C. for use as a regional site. The recycling center is located at 2469 Saylor's Pond Road on Block 1901, Lot 11, in Burlington County. The regional recycling center receives leaves, grass clippings and wood chips from municipalities, waste haulers and landscapers, source separated supermarket waste from supermarkets and food processing waste, specifically cranberry waste, from Ocean Spray. The recycling center is authorized to accept yard trimmings and source separated supermarket waste for composting, Monday through Friday 7:00 AM to 5:00 PM and Saturday 7:00 AM to 1:00 PM. The recycling center may accept up to two (2) loads of source separated supermarket waste between the hours of 5:00 AM to 7:00 AM Monday through Saturday. The recycling center is authorized to distribute products Monday through Saturday 6:30 AM to 5:00 PM. The recycling center is authorized to process recyclable materials Monday through Friday 7:00 AM to 7:30 PM and Saturday 7:00 AM to 5:00 PM. All material delivered to the site is composted until it has reached a stable form. The stabilized compost is subject to a screening step to remove non-compostable material. The non-compostable material is disposed.

The recycling center site is utilized for finished compost storage, blending of compost with various regulated materials and or unregulated soil like materials to prepare blended topsoil and equipment storage. The recycling center markets compost and blended topsoil in bulk form to landscapers and various large quantity users.

## Section I - General Conditions Applicable to All Recycling Centers

### 1. Duty to Comply

Pursuant to N.J.A.C. 7:26A-3.1(a), all persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 *et seq.* shall comply with all conditions of the approval.

### 2. Duty to Post a Sign

Pursuant to N.J.A.C. 7:26A-3.5(f), the holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following:

Hours of operation of the recycling center;  
Listing of the source separated materials to be received;  
The size, weight, or other restrictions regarding materials to be received;  
The maximum amount of contaminants allowed in each load;  
Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and  
Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form.

### 3. Duty to Reapply

(a) Pursuant to N.J.A.C. 7:26A-3.6(a), application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 *et seq.* One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located.

(b) Pursuant to N.J.A.C. 7:26A-3.6(b), the applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10.

- (c) Pursuant to N.J.A.C. 7:26A-3.6(c), in a case where the holder of this general approval does not comply with conditions 3(a) and (b) of this section and continues to operate without renewal of the general approval, the Department may take actions which include, but are not limited to, the following:
  - (1) Appropriate enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; and
  - (2) Require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2.
- (d) Pursuant to N.J.A.C. 7:26A-3.6(h), all persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2.

#### 4. Approval Modifications

- (a) Pursuant to N.J.A.C. 7:26A-3.10(a), the holder of this general approval shall obtain prior approval from the Department for any modification of the general approval.
- (b) Pursuant to N.J.A.C. 7:26A-3.10(b), modifications to the general approval to operate a recycling center which require the prior approval of the Department include the following:
  - (1) Any change affecting the conditions of this general approval; and
  - (2) Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with condition 4(e) of this section.
- (c) Pursuant to N.J.A.C. 7:26A-3.10(c), the holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18 or 3.19. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval.
- (d) Pursuant to N.J.A.C. 7:26A-3.10(e), the holder of this general approval shall not institute the modification until it receives written approval from the Department.
- (e) Pursuant to N.J.A.C. 7:26A-3.10(f), within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is

transferred. The written notification shall be sent to:

New Jersey Department of Environmental Protection  
Division of Solid and Hazardous Waste  
Office of Permitting and Technical Programs  
P.O. Box 414  
Trenton, New Jersey 08625-0414

5. Approval Revocation

Pursuant to N.J.A.C. 7:26A-3.13(a), the Department may revoke this general approval upon a determination that the holder of the general approval has:

- (a) Violated any provision of N.J.S.A. 13:1E-1 *et seq.*, the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 *et seq.* and the New Jersey Statewide Mandatory Source Separation and Recycling Act;
- (b) Violated any solid waste utility law at N.J.S.A. 48:2-1 *et seq.* or 48:13A-1 *et seq.*, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 *et seq.* or 48:13A-1 *et seq.*;
- (c) Violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection;
- (d) Refused or failed to comply with any lawful order of the Department;
- (e) Failed to comply with any of the conditions of this general approval issued by the Department;
- (f) Transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department;
- (g) Has failed to obtain any required permit or approval from the Department or other State or Federal agency; or
- (h) Has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.11.

6. Transfers

- (a) Pursuant to N.J.A.C. 7:26A-3.15(a), this general approval shall not be transferred to a new owner or operator without the Department's prior approval.

- (b) Pursuant to N.J.A.C. 7:26A-3.15(a)1, a written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following:
  - (1) The name, address and social security number of all prospective new owners or operators;
  - (2) A written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and
  - (3) A written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control.
- (c) Pursuant to N.J.A.C. 7:26A-3.15(a)2, a new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5.
- (d) Pursuant to N.J.A.C. 7:26A-3.15(a) 3, the holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5.
- (e) Pursuant to N.J.A.C. 7:26A-3.15(a)4, compliance with the transfer requirements set forth in this subsection shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision.
- (f) Pursuant to N.J.A.C. 7:26A-3.15(b), the transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval.

## 7. Operating Record and Reporting Requirements

- (a) Pursuant to N.J.A.C. 7:26A-3.17(a), the holder of this general approval shall maintain daily records of all materials received, stored, processed or transferred. Said records shall indicate, at a minimum:
  - (1) A daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons;
  - (2) The name, address and telephone number of the end-markets for all recyclable

materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons; and

- (3) The amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons.
- (b) Pursuant to N.J.A.C. 7:26A-3.17(b), the holder of this general approval shall retain the information required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which reporting is required pursuant to condition 7(c) of this section.
- (c) Pursuant to N.J.A.C. 7:26A-3.17(c), the holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to in condition 7(a) of this section to the New Jersey Department of Environmental Protection, Division of Solid and Hazardous Waste, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following:
  - (1) Monthly totals of the amount of recyclable material received from each customer by municipality of origin;
  - (2) Monthly totals of the amount of recyclable product transferred to each end-market; and
  - (3) The amount of residue disposed of during each month.
- (d) Pursuant to N.J.A.C. 7:26A-3.17(e), the holder of this general approval shall certify in writing to the Department that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report required at condition 7(c) of this section.
- (e) Pursuant to N.J.A.C. 7:26A-3.17(f), all information submitted to the Department pursuant to conditions 7(a) through (d) of this section shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 *et seq.* The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the



Department.

- (f) Pursuant to N.J.A.C. 7:26A-4.4 (a), the holder of this general approval shall provide a recycling tonnage report by February 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons.

8. Conformance to District Solid Waste Management Plan

Pursuant to N.J.A.C. 7:26A-4.2, the recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan.

9. Uniform Construction Code

Pursuant to N.J.A.C. 7:26A-4.1(b), the construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 *et seq.*, and the rules promulgated pursuant thereto.

10. Right of Entry

- (a) Pursuant to N.J.A.C. 7:26A-4.3(a), the New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 *et seq.* shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to:
  - (1) Sampling any materials on site;
  - (2) Photographing any portion of the recycling center;
  - (3) Investigating an actual or suspected source of pollution of the environment; and,
  - (4) Ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department.
- (b) Pursuant to N.J.A.C. 7:26A-4.3(b), the right of entry specified in condition 10(a) of this section shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during

an inspection and submitted to the Department upon request.

End of Section I

## Section II - General Operating Requirements

### 1. General Operating Requirements for All Recycling Centers

Pursuant to N.J.A.C. 7:26A-4.1(a), the recycling center shall be operated in compliance with the following operational standards:

- (a) All recyclable materials received, stored, processed or transferred at the recycling center shall conform to the following criteria:
  - (1) The recyclable materials shall have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials from the incoming waste stream;
  - (2) The recyclable materials shall consist only of recyclable materials which the Department has approved at Section III of this general approval, pursuant to N.J.A.C. 7:26A-3, for receipt, storage, processing or transfer at the recycling center; and
  - (3) Recyclable materials may be commingled to the extent authorized in this general approval in Section III.
- (b) Residue shall not be stored on site for a period in excess of six months;
- (c) All residue shall be removed from the recycling center site in accordance with each district's waste plan;
- (d) All residue shall be stored separately from recyclable material and in a manner which prevents run-off, leakage or seepage from the residue storage area into, on or around the soil of the residue storage area;
- (e) The operation and related activities of the recycling center shall be in conformance with all applicable Federal and State laws and regulations;
- (f) The recycling center shall be operated in such a manner that the recycling center property is maintained free of litter and debris and such that tracking of mud into nearby streets is prevented;
- (g) Traffic associated with the operation of the recycling center shall not result in an unacceptable decrease in the existing level of service described and defined in the New Jersey Department of Transportation Highway Access Management Code at N.J.A.C. 16:47 of any major intersection or public roadway within a one-half mile radius of the recycling center;

- (h) Recycling center operations shall be separated from any and all adjacent residential, commercial and/or other sensitive land uses through the establishment of an effective visual screen buffer;
- (i) The entrance to the access road shall be fenced or otherwise secured to prevent unauthorized access to the site;
- (j) To provide sufficient support for vehicles, to prevent the tracking of soil onto public roads and to minimize the generation of dust, those areas of the recycling center subject to vehicular usage shall be suitably compacted and where necessary paved; and
- (k) An adequate water supply and fire-fighting equipment shall be readily available to extinguish any fires. The telephone number of the local fire department shall be posted at the entrance to the recycling center.

2. General Operating Requirements for Recycling Centers Composting Yard Trimmings

- (a) Pursuant to N.J.A.C. 7:26A-3.8(c), a fire control plan for the recycling center shall be filed with and approved by the local fire official or other person of competent jurisdiction and shall be filed with the local municipal code enforcement officer prior to operating the recycling center.
- (b) Pursuant to N.J.A.C. 7:26A-4.5(a) the recycling center shall be operated in compliance with the following:
  - (1) Operation of the recycling center shall be under the supervision and control of a properly trained individual during all hours of operation, and access to the recycling center shall be prohibited when the recycling center is closed.
  - (2) Yard trimmings shall be received only during times when the recycling center operator or owner is present.
  - (3) All yard trimmings delivered to the recycling center for processing shall be removed from bags, boxes or similar containers prior to any processing steps except that yard trimmings in biodegradable bags need not be removed from such bags if the processing equipment provides for a shredding or cutting action. All discarded bags, boxes and similar containers shall be placed in a suitable refuse receptacle in the staging area of the recycling center for removal to an off-site disposal facility in accordance with the applicable district waste management plan.
  - (4) If the incoming material contains grass, it shall be accepted only in areas of the site that are at least 1,000 feet from any areas of human use or occupancy, and processing of such material shall begin on the day of receipt.
  - (5) Recycling centers which provide composting of the Class C recyclable material

shall operate in accordance with the following:

- (i) Within one year of the start up of the recycling center, the recycling center operator shall attend a composting course sponsored by the Rutgers Cooperative Extension, the appropriate county agricultural or resource management agents or any other similar course recognized by the Department.
  - (ii) Prior to windrow formation, dry yard trimmings shall be moistened with water to saturation without producing excessive runoff;
  - (iii) To facilitate drainage and to reduce surface water ponding, each windrow shall be constructed and positioned in such a manner that it is perpendicular to the contours of the ground surface;
  - (iv) A windsock shall be installed at the recycling center in order to indicate wind direction so that the recycling center operator may determine appropriate times for windrow turning operations;
  - (v) The recycling center shall follow the approved method of windrow composting defined in Section III of this general approval;
  - (vi) Finished compost shall be tested once each year, at a minimum, in accordance with monitoring and sampling plan established at Section III of this general approval. Samples of the compost produced at the recycling center shall be analyzed for the parameters listed at Table 1 at the end of this section. Results of all laboratory analysis for each parameter specified shall be recorded and maintained at the recycling center.
  - (vii) The laboratory used to perform the analysis of the finished compost product shall be certified in accordance with N.J.A.C. 7:18 for the equipment and testing procedures required;
- (6) In addition to the record-keeping requirements of N.J.A.C. 7:26A-3.17, the recycling center shall maintain the following records:
- (i) The quantity of yard trimmings received daily, expressed as cubic yards of leaves, grass and/or brush;
  - (ii) The source of yard trimmings received daily; and
  - (iii) The results of laboratory analyses of finished compost, if applicable;
- (7) The following information shall be made available for inspection by the Department pursuant to N.J.A.C. 7:26A-4.3:
- (i) The results of compost analyses and name(s) of certified laboratory(ies), if

applicable;

- (ii) The quantity, type and source of incoming material;
  - (iii) The quantity and types of recovered recyclables;
  - (iv) The quantity of disposed residue, and sites receiving residue; and
  - (v) The standard procedures employed to ensure data reliability.
- (8) The recycling center shall submit to the Department within one year of receipt of its general approval to operate, a final closure plan containing a schedule and description of the steps necessary to close the recycling center including the estimated cost of closure and a description of the means by which the closure will be financed.
  - (9) The recycling center shall notify the Department in writing at least 60 days prior to the proposed closure date for the recycling center.
  - (10) The recycling center shall publish a notice of closure in a newspaper of general circulation in the district where the recycling center is located and in districts or communities sending at least 25 percent of their yard trimmings to the recycling center. Such notice shall be published at least 15 days prior to closure.
  - (11) Within 30 days of ceasing operation, all residuals, unprocessed yard trimmings, and recyclables shall be removed from the site and recycled or disposed as appropriate.
  - (12) The Department shall determine that a recycling center is considered closed when all the requirements of the closure plan have been met.
- (b) Pursuant to N.J.A.C. 7:26-4.5(c), any compost produced by the recycling center shall be subject to the following:
    - (1) Compost given away or offered for sale by the recycling center must contain a label describing the recommended safe uses and application rates, and restrictions, if any, on use of the product. If compost is offered for bulk sale, signs or printed literature containing the above information shall be available on the bill of lading to the purchaser or persons receiving the compost.
    - (2) Compost given away or offered for sale shall satisfy the general requirements established at 40 C.F.R. Part 503, specifically 40 C.F.R. 503.13(b)(3).

3. General Operating Requirements for Recycling Centers Composting Materials Other Than Yard Trimmings

- (a) Pursuant to N.J.A.C. 7:26A-4.5(b) the recycling center shall be operated in compliance with the following:
- (1) An operations and maintenance (O&M) manual specific to the recycling center shall be prepared, updated as needed, and available at the recycling center for inspection by Departmental pursuant to N.J.A.C. 7:26A-4.3. The O&M manual shall include any and all information to enable supervisory and operating personnel to determine the sequence of operations, routine maintenance schedules, plans, policies, procedures, and legal requirements that must be adhered to. The O&M manual shall include a quality assurance/quality control (QA/QC) plan which outlines the monitoring, sampling and analysis plans for testing the compost process and product.
  - (2) The recycling center equipment shall be operated in conformance with the manufacturer and/or vendor specifications or appropriately documented modifications. Such equipment specifications, including modifications, shall be included in the operations and maintenance manual.
  - (3) Employees shall be properly trained in the recycling center operations, maintenance procedures, and safety and emergency procedures.
  - (4) A recycling center-specific training manual shall be developed and made available to each employee.
  - (5) Operation of the recycling center shall be under supervision and control of a properly trained individual during all hours of operation.
  - (6) Access to the recycling center shall be prohibited when the recycling center is closed.
  - (7) Processing of incoming material shall begin within three days of receipt. If the incoming material contains grass and/or other highly putrescible materials, processing of such material shall begin on the working day of receipt of such material.
  - (8) Incoming, unprocessed material shall not be mixed with finished compost.
  - (9) The composting process shall meet the criteria for a process to further reduce pathogens (PFRP) in accordance with 40 C.F.R., Part 503.
  - (10) The recycling center shall monitor the temperature of the material in the composting process to ensure that pathogen reduction criteria are met.
  - (11) Finished compost shall not be stored at the recycling center for more than 15 months.
  - (12) Stored finished compost that is not used or sold within 15 months shall be

removed or reprocessed for use or sale.

- (13) During a one-year start-up period, the monitoring and sampling schedule established in Section IV shall be followed.
- (14) Using information gained during the one-year start-up period, a monitoring and sampling schedule for ongoing operations shall be developed, as part of the recycling center approval, in consultation with the Department based on statistical methods for quality assurance.
- (15) Compost samples shall be obtained in accordance with the approved QA/QC plan. Samples of the compost produced at the facility shall be analyzed for the compost quality monitoring parameters listed in Table I at the end of this section in accordance with the appropriate methods as approved in the sampling plan. Results of all laboratory analysis for each parameter specified shall be recorded and maintained at the facility. Quality assurance results shall be reported to the Department pursuant to Condition 3(a)(19) of this section below.
- (16) The laboratory used to perform the analysis of the finished compost product shall be certified in accordance with N.J.A.C. 7:18 for the equipment and testing procedures required.
- (17) In addition to the record-keeping requirements of N.J.A.C. 7:26A-3.17, the recycling center shall maintain the following records:
  - (i) Daily temperature and moisture monitoring of the composting process;
  - (ii) The quantity of material received daily expressed as cubic yards;
  - (iii) The source of material received daily;
  - (iv) The results of laboratory analyses of finished compost;
  - (v) The retention time of the finished compost; and
  - (vi) The sale and distribution of recovered materials.
- (18) Quarterly reports shall be submitted to the Department within 30 days after the end of each calendar quarter. Such reports shall include the following:
  - (i) Results of compost analyses and name(s) of certified laboratory(ies);
  - (ii) The quantity, type and source of incoming materials;
  - (iii) The quantity and types of recovered recyclables;



- (iv) The quantity of compost produced;
  - (v) The quantity of compost sold and/or distributed, and the end markets to which the compost is sold or distributed;
  - (vi) The quantity of disposed residue, and sites receiving residue;
  - (vii) Daily temperature readings and retention times during PFRP;
  - (viii) A summary of leachate management (collected and reused or treated and disposed);
  - (ix) A summary of major maintenance on leachate, temperature or other monitoring and control systems in operation; and
  - (x) The standard procedures employed to ensure data reliability.
- (19) The recycling center shall, after one year of approval, submit to the Department a final closure plan containing a schedule and description of the steps necessary to close the recycling center including the estimated cost of closure and the plans to finance.
  - (20) An update to the final closure plan as needed shall be submitted in writing at least 180 days prior to the proposed closure date for the recycling center.
  - (21) The recycling center shall notify the Department in writing at least 60 days prior to the proposed closure date for the recycling center.
  - (22) The recycling center shall publish a notice of closure in a newspaper of general circulation in the district where the recycling center is located and in districts or communities sending at least 25 percent of their Class C recycling material to the recycling center. Such notice shall be published at least 30 days prior to closure.
  - (23) Within 10 days of ceasing operation, all residuals and unprocessed Class C recyclable material shall be removed from the site and recycled or disposed, as appropriate, and the recycling center shall arrange for a final cleaning of any containers, equipment, machines, floors and recycling center surfaces in which Class C recyclable materials or residue was processed or stored.
  - (24) The Department shall determine that a recycling center is closed when all of the requirements of the closure plan have been met.
- (b) Compost produced by recycling centers which process Class C recyclable materials shall be subject to the following:
    - (1) Compost given away or offered for sale by the recycling center must contain a

label describing the recommended safe uses and application rates, and restrictions, if any, on use of the product. If compost is offered for bulk sale, signs or printed literature containing the above information shall be available on the bill of lading to the purchaser or persons receiving the compost.

- (2) Compost given away or offered for sale shall satisfy the following requirements:
  - (i) Compost derived from yard trimming shall satisfy the requirements established at 40 C.F.R. 503.13(b)3; and
  - (ii) Compost derived from other than or in addition to yard trimmings shall satisfy the requirements established at 40 C.F.R. 503.13(b)3, the Class A pathogen requirements at 40 C.F.R. 503.32(a), and one of the vector attraction reduction requirements in 40 C.F.R. 503.33(b)1 through 8.

Table I

COMPOST QUALITY MONITORING PARAMETERS

<u>Parameter</u>	<u>Unit</u>	<u>Method</u>
Stability or Maturity		O <sub>2</sub> Consumption, CO <sub>2</sub> Respiration, DeWars Self Heating Test, or Other Approved by Department
Soluble salts <sup>1</sup>		Electrical Conductivity
Fecal Coliform <sup>1</sup>		MPN/g
Salmonella		MPN/4g
pH		
Regulated parameters:		
Arsenic (As)	mg/kg dry wt.	
Cadmium (Cd)	mg/kg dry wt.	
Chromium (Cr)	mg/kg dry wt.	
Copper (Cu)	mg/kg dry wt.	
Lead (Pb)	mg/kg dry wt.	
Mercury (Hg)	mg/kg dry wt.	
Molybdenum (Mo)	mg/kg dry wt.	
Nickel (Ni)	mg/kg dry wt.	
Selenium (Se)	mg/kg dry wt.	
Zinc (Zn)	mg/kg dry wt.	
Man-Made Inerts <sup>2</sup> > 4 mm and < 13 mm	percent by volume	Sieve Analysis
Film plastic <sup>3</sup> > 4 mm	cm <sup>2</sup> /m <sup>3</sup>	Sieve Analysis

Notes:

1. Analysis for Fecal Coliform and Salmonella are not required for compost derived solely from yard trimmings.
2. Man-made inert material includes glass shards and metal fragments that pose a human and animal safety hazard with unprotected exposure or through direct ingestion.
3. Film plastic can be a potential hazard to small animals through direct ingestion.

End of Section II

### Section III - Specific Conditions Applicable to the Receipt, Storage and Processing of Class C Recyclable Material at the Recycling Center

#### 1. Approved Recyclable Materials

The following Class C recyclable materials may be received and processed to produce compost at this recycling center:

##### (a) Yard Trimmings

Leaves  
Grass clippings  
Wood chips

The listed Yard Trimmings may not be received in a commingled manner.

##### (b) Source Separated Supermarket Waste

Produce: vegetable trims, non-salable fruits, vegetables, salad and fruit bar wastes;  
In-store bakery: non-salable bakery products and lining paper;  
Floral: trims, leaves, spilled flowers, paper towels, wrapping paper, soils  
Grocery: post dated & spilled dry goods (pasta, beans, rice, cereal etc.)  
Paper materials: paper egg cartons, paper and corrugated cardboard.

The listed Source Separated Supermarket Waste may be received in a commingled manner.

##### (c) Food Processing Waste

Cranberry waste - specifically only cranberry waste from Ocean Spray

##### (d) Cardboard

Uncontaminated shredded cardboard

#### 2. Contaminants

The maximum amount of contaminants allowed in each load of recyclable materials shall be limited to 1% by volume. The term contaminants in this document shall mean any material that is not included in the Approved Recyclable Materials list identified at condition 1 of this section.

#### 3. Approved Designs, Plans and Reports

- (a) The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C.

7:26A-1 *et seq.*, the conditions of this general approval, and the following general approval application documents, which are incorporated herein by reference:

- (1) Class C Recycling Center Checklists & Compliance Statements for the "Woodhue Facility", Bryony, Ltd., Corp., dated June 9, 1997, prepared by John R. Purves responding to the Department's request for information dated April 11, 1997.
- (2) Bryony, Ltd., Corp. Class C Recycling Center Submission, dated May 18, 1999, prepared by John R. Purves responding to the Department's request for information dated March 12, 1999.
- (3) Letter received at the Division of Solid and Hazardous Waste on June 16, 1999 forwarding three copies of a letter dated June 8, 1999 signed by Bruce Flynn, Fire Marshall, Springfield Township.
- (4) Letter dated July 15, 1999 prepared by John R. Purves. This letter supplied a copy of the certification of a Soil Erosion and Sediment Control Plan submitted to the Burlington County Soil Conservation District for grading on two sections of the facility property.
- (5) Letter dated August 10, 1999 prepared by John R. Purves. This letter requested several modifications to the facility's operations. The pertinent part for this general approval is the description of facility operations relative to the Minimum Technology windrows.
- (6) Letter dated November 15, 1999 prepared by John R. Purves. This letter requested approval to locate the Minimum Technology windrows to Area J.
- (7) Letter dated July 2, 2001 prepared by John R. Purves. This letter supplied certain information then available by Bryony Ltd. Corp. to respond to the Division's request for information dated January 19, 2001.
- (8) Letter dated March 11, 2002 prepared by John R. Purves. This letter requests approval to receive two deliveries of Source Separated Supermarket Waste between the hours of 5:00 am and 7:30 am.
- (9) Letter dated August 20, 2002 prepared by John R. Purves. This letter provided a revised Narrative of Recycling Operations.
- (10) Letter dated September 24, 2002 prepared by Cummings & Smith, Inc. This letter provided revised site plans.
- (11) Noise Survey Report for the Woodhue Composting Facility dated March 2003 prepared by JCA Associates, Inc.
- (12) Letter dated May 29, 2003 prepared by Walter B. Dennen, Esq., Aimino &

Dennen, LLC. This letter provided all necessary documentation for the transfer of the General Approval from Bryony, Ltd. Corp. to Eastern Organic Resources, L.L.C.

- (13) The following full-size drawings which were prepared by Cummings & Smith, Inc. under the supervision of Gary L. Smith, P.E.:

Dwg. Sheet No. 1 of 7, Bryony, Ltd., Corp. Site Plans Class C Recycling Center, Rev. A, September 24, 2002.

Dwg. Sheet No. 2 of 7, Bryony, Ltd., Corp. Site Plan 1, Rev. A, September 24, 2002.

Dwg. Sheet No. 3 of 7, Bryony, Ltd., Corp. Site Plan 2, Rev. A, September 24, 2002.

Dwg. Sheet No. 4 of 7, Bryony, Ltd., Corp. Road Profiles, May 10, 1999.

Dwg. Sheet No. 5 of 7, Bryony, Ltd., Corp. Soil Erosion and Sediment Control Notes and Details, May 10, 1999.

- (b) In case of conflict, the conditions of this approval shall have precedence over the general approval application documents listed above and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs.
- (c) One complete set of the general approval application documents listed in conditions 4(a)(1) through (13) of this section above, this general approval, and all records, reports including the information required at condition 7(a) of Section I and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials.
- (d) Within ninety (90) days of the date of issuance of this general approval, the holder of this general approval shall submit to the Division of Solid and Hazardous Waste, Bureau of Resource Recovery and Technical Programs, for approval, revised site plans that incorporate the following:
- Reflect a 150-foot buffer off the wetland delineation for all Areas of the facility to serve as the wetland buffer pending confirmation of the delineation by the office of Land Use Regulation;
  - Reflect Field 8 to contain the compacted area only (400 feet (north/south) by 600 feet (east/west)) (specifically the improved area of Field 8 shown of Page 35 of this general approval);
  - Reflect a roadway of appropriate width (20 feet) to accommodate a Loader with attached Wildcat windrow turner between the 50-foot wide buffer along the property boundaries and between the 150-foot wide buffer along the southern

- property boundary and Fields 1 and 2 (no windrows, staging or storage may be located along or adjacent to the buffer line) and also between the 150-foot wide buffer along the as yet unconfirmed Wetland Delineation and Fields 5, 6 and 7 (no windrows, staging or storage may be located along or adjacent to the buffer line);
- A layout that reflects windrows of a sum total length of 10,000 linear feet in Fields 1 and 2 and a sum total length of 27,000 linear feet in Fields 4, 5, 6, 6A, 7 and 8;
  - Reflect the associated 1000-foot buffer from a one (1) acre residential property boundary surrounding the residential dwellings (2 dwellings) on Lot 8, Block 1901;
  - Remove Note 9 from the site plan; and
  - Revise Note 23 to indicate that grass will not be accepted at Fields 1 or 2.
- (e) Within ninety (90) days of the date of issuance of this general approval, the holder of this general approval shall submit a draft Operations and Maintenance Manual prepared in accordance with N.J.A.C. 7:26A-4.5(b)5 to the Division of Solid and Hazardous Waste, Bureau of Resource Recovery and Technical Programs for review and approval.
- (f) Within sixty (60) days of the date of issuance of this general approval, the holder of this general approval shall submit an application for a New Jersey Pollutant Discharge Elimination System (NJPDES) permit.
- (g) Within ninety (90) days of the date of issuance of this general approval, the holder of this general approval shall submit to the Division of Solid and Hazardous Waste, Bureau of Resource Recovery and Technical Programs a copy of the Letter of Interpretation (LOI) issued by the office of Land Use Regulation that confirms the position of the wetland delineation and identifies the appropriate wetland buffer distance required adjacent to the delineation.
- (h) Within one hundred twenty (120) days of the date of issuance of this general approval, the holder of this general approval shall remove all material from portions of the facility that lie within a 150-foot wide wetland buffer along the as yet unconfirmed Wetland Delineation and from a 20-foot wide roadway adjacent to the wetland buffer.
- (i) Within one hundred eighty (180) days of the date of issuance of this general approval, the holder of this general approval shall establish a vegetative visual screen along the entire northern edge of Field 4. The Division of Solid and Hazardous Waste, Bureau of Resource Recovery and Technical Programs shall be informed in writing when the installation has begun.

#### 4. Approved Operations

##### (a) Hours of Operation

All recycling center operations shall be limited to the following schedule:



Deliveries:	Monday – Friday	7:00 am to 5:00 pm
	Saturday	7:00 am to 1:00 pm

Eastern Organic Resources, L.L.C. may receive up to two loads of Source Separated Supermarket Waste between the hours of 5:00 am to 7:00 am each day Monday through Saturday. This two-hour period is specifically conditioned such that if a noise complaint, related to receipt of material during this time, is received, it will be terminated.

Processing:	Monday – Friday	7:00 am to 7:30 pm
	Saturday	7:00 am to 5:00 pm

Pickups:	Monday – Friday	6:30 am to 5:00 pm
	Saturday	6:30 am to 5:00 pm

(b) Material Deliveries

Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads.

(c) Maximum Daily and Annual Capacity

The recycling center may receive no more than 200 trucks per day inclusive of vehicles delivering recyclable materials, vehicles removing waste material, vehicles loaded with product for resale, vehicles loaded with products purchased, vehicles delivering materials for blending and vehicles delivering or providing services to Eastern Organic Resources, L.L.C.

(d) Equipment Requirements

- (1) The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

Wildcat Compost Turner LH250A  
Volvo L150 C Rubber Tire Loader  
Kawaski 90 Z IV Rubber Tire Loader (5 cy bucket)  
CEC Screen-It 6 X 16 Trommel Screen  
A 3500 gallon capacity water truck with spray nozzles

- (2) Requisite recycling center operations shall not be delayed or neglected for lack of required equipment or for equipment down time.

(e) Operating Area Maintenance

- (1) Those areas of the site subject to vehicular usage shall be maintained suitably compacted, and when necessary surfaced, to provide ample vehicular support in all weather conditions that allows operating equipment to perform all

operational requirements contained in this General Approval.

- (2) The surface of all active compost areas shall conform to the requirements of N.J.A.C. 7:26A-4.5(a)7.
- (3) Soil modification and grading performed shall be in accordance with the site plans listed at condition 3(a)(13) of this section. Once original grading is complete, the composting area, related material staging/mixing areas and access road(s) shall be maintained for the life of the recycling center in a manner that prevents the accumulation or ponding of surface water.

(f) Incoming Materials Inspection and Preparation for Composting

Materials staging, inspection and processing shall be conducted only in areas designated for such staging, inspection and processing shown on the approved site plans listed in condition 3(a)(13) of this section. Each load shall be inspected in accordance with the inspection plan provided in the Narrative of Recycling Center Operations submitted as part of the document referenced in condition 3(a)(2) of this section and amended per document referenced in condition 3(a)(9). This plan specifies that contaminants shall be removed by hand, when possible, from the received material and placed in roll-off containers located at the recycling center that are occasionally removed off site for disposal. After the inspection of the incoming material, material staging, leaf receipt, grass clippings receipt and mixing, wood chip mixing, source separated supermarket and food processing waste receipt and mixing and shredded cardboard receipt and mixing must adhere to the following:

- (1) Loads of leaves and loads of wood chips shall be directed to any of the following Fields as identified on the approved site plans for forming Standard Windrows: 1, 2, 4, 5, 5A, 6, 6A, 7, 7A and 8. Alternately, loads of leaves may be directed to Field 8 for forming Minimum Technology Windrows. Leaves and/or wood chips shall be formed into windrows within twenty-four (24) hours of receipt.
- (2) Loads of source separated grass clippings may be directed to Field 7A for mixing with partially decomposed leaves and/or wood chips within the working day of receipt. Semi-decomposed leaves and/or wood chips shall be removed from leaf and/or wood chip windrows and transferred to Field 7A for mixing with the grass clippings. Mixing shall occur at a ratio of one (1) part of grass clippings to not less than three (3) parts of partially decomposed leaves and/or wood chip material. The mixed material shall be formed into Mixed Windrows in Fields 1, 2, 4, 5, 5A, 6, 6A, 7 and 8 by the end of the day the mixture is prepared. Leaves and/or wood chips shall be used only one (1) time for mixing with grass clippings.
- (3) Loads of source separated grass clippings may be directed to Fields 6, 6A, 7, 8 or the portion of Field 5 located beyond the 1000-foot buffer lines for

mixing with partially decomposed leaves and/or wood chips in existing Standard Windrows. Grass clippings shall be placed adjacent to or on windrows of partially decomposed leaves and/or wood chips for mixing and shall be mixed within the working day of receipt with partially decomposed leaves and/or wood chips in existing windrows. Mixing shall occur at a ratio of one (1) part of grass clippings to not less than three (3) parts of partially decomposed leaves and/or wood chip material. After mixing, the reformed windrows shall be managed as Mixed Windrows. Leaves and/or wood chips shall be used only one (1) time for mixing with grass clippings.

- (4) Loads of source separated supermarket waste and loads of food processing waste may be directed to Field 7A for mixing with leaves wood chips and/or shredded cardboard within the working day of receipt. An adequate supply of leaves, wood chips and/or shredded cardboard shall be available at Field 7A for mixing with the source separated supermarket waste. Based upon the content of each load, mixing with leaves, wood chips and/or shredded cardboard shall occur to ensure a proper C/N ratio for composting per the Narrative of Recycling Center Operations referenced in condition 3(a)9 within the working day of receipt. The mixed material shall be formed into Food Waste Windrows by the end of the day the mixture is prepared in any area that has been reinforced with concrete rubble or stone in accordance with Note 21 on the approved site plan referenced at condition 3(a)(13) within Fields 1, 2, 4, 5, 5A, 6, 6A, 7 and 8.
- (5) Loads of source separated supermarket waste and loads of food processing waste may be directed to any area that has been reinforced with concrete rubble or stone in accordance with Note 21 on the approved site plan referenced at condition 3(a)(13) within Fields 6, 6A, 7, 8 or the portion of Field 5 located beyond the 1000-foot buffer lines for mixing with leaves and/or wood chips in existing Standard Windrows. Source separated supermarket waste shall be placed adjacent to or on windrows of leaves and/or wood chips for mixing and shall be mixed within the working day of receipt with leaves and/or wood chips in existing windrows. Based upon the content of each load, mixing with leaves and/or wood chips shall occur to ensure a proper C/N ratio for composting per the Narrative of Recycling Center Operations referenced in condition 3(a)9 within the working day of receipt. After mixing, the reformed windrows shall be managed as Food Waste Windrows.
- (6) Loads of source separated supermarket waste and loads of food processing waste that do not require mixing with bulking material and/or an adjustment of C/N ratio for composting per the Narrative of Recycling Center Operations referenced in condition 3(a)9 may be directed to any area that has been reinforced with concrete rubble or stone in accordance with Note 21 on the approved site plan referenced at condition 3(a)(13) within Fields 6, 6A, 7, 8 or the portion of Field 5 located beyond the 1000-foot buffer lines for forming Food Waste Windrows.

- (7) Loads of source separated shredded cardboard shall be unloaded into a stockpile in Field 6A to be maintained for bulking/mixing with source separated supermarket waste and food processing waste.

(g) Windrow Management

(1) General Operations

Windrow construction and reconstruction shall be conducted within the confines of the designated areas identified on the approved site plans as cited at condition 3(a)(13) of this section as further restricted by the site plan modification requirements listed at condition 3(d). Further, Field 8 is defined as being the operational area depicted on page 35 of this approval. Expansion of such activities beyond the designated areas shall require the approval of the Department. The total length of all windrows at the site at any given time shall not exceed 37,000 feet (approximately 111,000 cubic yards).

(2) Standard Windrows

- (i) Standard Windrows shall be constructed (and reconstructed if necessary after turning) to a maximum height of eight (8) feet with a corresponding base not to exceed a maximum of sixteen (16) feet in width.
- (ii) Standard Windrows shall be turned with the Wildcat Compost Turner LH250A listed at condition 4(d) of this section.
- (iii) Ample working space shall be maintained between Standard Windrows for turning purposes. A minimum separation of ten (10) feet working distance measured from the pile base to the next adjacent pile's base shall be provided to permit movement of turning equipment and wheel loaders.
- (iv) After initial formation, Standard Windrows shall be turned a minimum of once a week for the first month. Further turnings shall be scheduled to prevent temperatures from exceeding 140 degrees Fahrenheit and to prevent oxygen levels from dropping below five (5) percent.

(3) Minimum Technology Windrows

- (i) Minimum Technology Windrows shall be constructed (and reconstructed if necessary after turning) to a maximum height of twelve (12) feet with a corresponding base not to exceed a maximum of twenty-four (24) feet in width.
- (ii) Minimum Technology Windrows shall be turned with the rubber tire

loaders listed at condition 4(d) of this section.

- (iii) Ample working space shall be maintained between Minimum Technology Windrows for turning purposes. A minimum separation of ten (10) feet working distance measured from the pile base to the next adjacent pile's base shall be provided to permit movement of rubber tire loaders.
- (iv) After initial formation, Minimum Technology Windrows shall be turned at least once per year and subsequently turned every year thereafter.

(4) Mixed Windrows

- (i) Mixed Windrows shall be constructed to a maximum height of seven (7) feet with a corresponding base not to exceed a maximum of sixteen (16) feet in width.
- (ii) Mixed Windrows shall be turned with the Wildcat Compost Turner LH250A or the equivalent. Prior to windrow turning, the height of a windrow should not exceed five (5) feet.
- (iii) Ample working space shall be maintained between Mixed Windrows for turning purposes. A minimum separation of ten (10) feet working distance measured from the pile base to the next adjacent pile's base shall be provided to permit movement of turning equipment.
- (iv) After initial formation, Mixed Windrows shall be turned a minimum of twice per week for the first month. Further turnings shall be scheduled to prevent temperatures from exceeding 140 degrees Fahrenheit and to prevent oxygen levels from dropping below five (5) percent.

(5) Food Waste Windrows

- (i) Food Waste Windrows shall be constructed (and reconstructed if necessary after turning) to a maximum height of seven (7) feet with a corresponding base not to exceed a maximum of sixteen (16) feet in width.
- (ii) Food Waste Windrows shall be turned with the Wildcat Compost Turner LH250A listed at condition 4(d) of this section. Prior to windrow turning, the height of a Food Waste Windrow should not exceed five (5) feet.
- (iii) Ample working space shall be maintained between windrows for turning purposes. A minimum separation of ten (10) feet working distance measured from the pile base to the next adjacent pile's base

shall be provided to permit movement of turning equipment and wheel loaders.

- (iv) After initial formation, Food Waste Windrows shall be turned a minimum of twice per week for the first month. Further turnings shall be scheduled to prevent temperatures from exceeding 140 degrees Fahrenheit and to prevent oxygen levels from dropping below five (5) percent.
- (v) A minimum of five (5) turnings shall be performed on every Food Waste Windrow during the fifteen (15) consecutive day period where the temperature is maintained at or above 55°C (131°F) in accordance with the Process to Further Reduce Pathogens.

(h) Final Curing and Screening

- (1) When the holder of this general approval determines that material in windrows has reached steady state conditions based on results of temperature and oxygen monitoring, the material from the windrows may be formed into curing piles with a maximum height of fifteen (15) feet and width of 30 feet.
- (2) For screening of the stabilized compost, the screener identified at condition 4(d) of this section or equivalent shall be available at the site. The material that is separated from the screener as overs are considered residue.
- (3) The residue shall be placed into roll-off containers and removed from the site when the containers are full.

(i) Finished Compost

Finished compost may be stockpiled within each of the windrow areas. Finished compost may be formed into piles with a maximum height of 30 feet. Compost produced from source separated supermarket waste and/or food processing waste shall be maintained segregated from other materials on-site until such time as the results of product sampling and analysis are received and a finding made that the compost is suitable for distribution in accordance with condition 4(k)(2)(vi) of this section.

(j) Compost and Admixture Blending

Blending of finished compost with various admixtures and other materials to prepare blended soil may occur at the facility subject to any necessary State approvals or approval modifications and Federal requirements, including but not limited to, the Soil Erosion and Sediment Control Plan Certification and the NJPDES Permit. The following materials may be accepted subject to case-by-case material-specific Division of Solid and Hazardous Waste beneficial use preapproval:

Class A biosolids

Uncontaminated potable water treatment residuals

The following materials may be accepted without preapproval of the Division of Solid and Hazardous Waste:

Composted mushroom soil

Topsoil

Sand

Diatomaceous earth

(k) Product Monitoring and Sampling Plan

(1) Yard Trimmings Compost

The monitoring and sampling plan for compost derived from solely yard trimmings shall consist of the following:

- (i) At a minimum, one sample of compost product of sufficient size and of equal proportion shall be collected for every 1,000 cubic yards of compost product generated.
- (ii) A maximum of 10 samples collected above may be composited into a representative sample.
- (iii) Each composite sample shall be placed in a non-metallic container and thoroughly mixed.
- (iv) A minimum of two subsamples of sufficient size and of equal proportion shall be extracted from each composite sample and placed in clean plastic containers. The containers shall then be sealed. One subsample shall be sent to a laboratory for analyses. The laboratory used to perform the analysis shall be certified in accordance with N.J.A.C. 7:18. The second subsample shall be retained at the site so that the Department may conduct follow-up analyses when necessary. The subsample retained shall be clearly marked for identification and stored at the site for a period of 180 days from the date the composite sample is transferred to the laboratory for analyses.
- (v) A copy of the analytical results shall be submitted to the following address within ten (10) days of receipt by the holder of the laboratory results.

New Jersey Department of Environmental Protection  
Division of Solid and Hazardous Waste  
Office of Permitting and Technical Programs  
P.O. Box 414  
Trenton, New Jersey 08625-0414

- (vi) The compost stockpiles shall remain on site until the associated analytical results are received by the recycling center and a determination is made whether the finished product meets the required criteria set forth at 40 C.F.R. Part 503, specifically 40 C.F.R. 503.13(b)(3).
- (vii) Material sampling methods, sample preservation requirements, sample handling times and decontamination procedures for field equipment shall conform to applicable industry methods as specified in the NJDEP "Field Sampling Procedures Manual."

(2) Source Separated Supermarket and Food Processing Waste Compost

Until such time as an Operations and Maintenance Manual inclusive of a Quality Assurance/Quality Control Plan that outlines the monitoring, sampling and analysis plans for testing the compost process and product is submitted and approved by the Department, the monitoring and sampling plan for compost derived from source separated supermarket waste and/or food processing waste shall consist of the following:

- (i) At a minimum one sample of compost product of sufficient size and of equal proportion shall be collected for every 100 cubic yards of compost product generated.
- (ii) A maximum of 10 samples collected above may be composited into a representative sample.
- (iii) Each composite sample shall be placed in a non-metallic container and thoroughly mixed.
- (iv) A minimum of two subsamples of sufficient size and of equal proportion shall be extracted from each composite sample and placed in clean plastic containers. The containers shall then be sealed. One subsample shall be sent to a laboratory for analyses. The laboratory used to perform the analysis shall be certified in accordance with N.J.A.C. 7:18. The second subsample shall be retained at the site so that the Department may conduct follow-up analyses when necessary. The subsample retained shall be clearly marked for identification and stored at the site for a period of 180 days from the date the composite sample is transferred to the laboratory for analyses.
- (v) A copy of the analytical results shall be incorporated into the daily journal noted at condition 4(m)(1)(xi)(G) of this section to be submitted each month to the Division of Solid and Hazardous Waste - Bureau of Resource Recovery and Technical Programs.



- (vi) The stockpiles of compost produced from source separated supermarket waste shall remain on site until the associated analytical results are received by the recycling center and a determination is made whether the finished product meets the required criteria set forth at 40 C.F.R. Part 503, specifically 40 C.F.R. 503.13(b)(3), the Class A pathogen requirements in 40 C.F.R. 503.32(A), and one of the vector attraction reduction requirements in 40 C.F. R. 503.33(b)(1) through 503.33(b)8.
- (vii) Material sampling methods, sample preservation requirements, sample handling times and decontamination procedures for field equipment shall conform to applicable industry methods as specified in the NJDEP "Field Sampling Procedures Manual."

(l) Groundwater Sampling

Until such time as a NJPDES Permit is issued for the site, the groundwater monitoring and sampling plan shall consist of the following:

- (1) Quarterly samples of groundwater from groundwater monitoring wells W-1 through W-5 shall be taken starting on July 1<sup>st</sup> 2003.
- (2) Groundwater samples shall be analyzed for total Kjeldahl nitrogen, ammonia nitrogen, nitrate nitrogen, phosphorus, pH, calcium, chloride, cyanide, Biochemical Oxygen Demand, Chemical Oxygen Demand, Total Dissolved Solids, magnesium, potassium, antimony, arsenic, beryllium, cadmium chromium, copper, iron, lead, mercury, molybdenum, nickel, selenium and zinc.
- (3) Water level measurements shall be taken at all monitoring wells at the time of the sampling for the groundwater parameters. Water level measurements shall be taken prior to well purging and sampling of monitoring wells W-1 through W-5. The measurements shall be included in the facility's submittal of groundwater analysis results to the Department.

(m) Operations Monitoring

- (1) The holder of this general approval shall maintain a recycling center operations journal which shall include the following:
  - (i) Date;
  - (ii) Sketch of site including all windrows, curing piles, staging areas, final product storage; 1000-foot buffer lines; grass receipt and mixing area; Source Separated Supermarket Waste and Food Processing Waste receipt and mixing area; compost blending areas;

- (iii) Identification of where Mixed Windrows and Food Waste Windrows were established on any given day;
  - (iv) Identification of the general compositional description of each load shall be determined (estimated percentages of types of waste);
  - (v) Identification of the general description of the mixture of material placed in each windrow;
  - (vi) Identification of windrows that have been turned and/or reconstructed each day;
  - (vii) Identification of windrows that are under going Process to Further Reduce Pathogens (PFRP);
  - (viii) Prevailing wind direction;
  - (ix) Person(s) responsible for journal entry;
  - (x) Name(s) of operator(s);
  - (xi) A general description of any and all activities at the site including, but not limited to:
    - (A) Regrading;
    - (B) Windrow and pile construction, each windrow turning event and maintenance including hours of use of the windrow turning equipment;
    - (C) Screening;
    - (D) Distribution of finished compost (cubic yards);
    - (E) Distribution of blended soil products (cubic yards);
    - (F) Residue removed from the site for disposal (cubic yards);
    - (G) Results of any laboratory analysis for finished compost; and
    - (H) Results of any laboratory analysis for groundwater.
- (2) At a minimum, the following activities shall be performed and recorded in the recycling center operations journal:
- (i) Inspect the site daily for ponded water and rut formation and record findings;
  - (ii) Inspect the site periphery daily for discharge of leachate and record findings;
  - (iii) Measure windrow core temperature in accordance with the following and

record the results:

- (A) Three (3) randomly selected locations on every Standard Windrow on site each week;
  - (B) Three (3) randomly selected locations on every Mixed Windrow on site each day for thirty (30) days after the introduction of grass clippings. After thirty (30) days the measurements shall be taken each week;
  - (C) Three (3) randomly selected locations on every Food Waste Windrow each day; and
  - (D) At every 50 feet along the length of every Food Waste Windrow during the required fifteen (15) consecutive day period under the Process to Further Reduce Pathogens (PFRP) each morning and each evening.
- (iv) Measure windrow core oxygen concentration in accordance with the following and record the results:
- (A) Three (3) randomly selected locations on every Mixed Windrow each week for four (4) weeks; and
  - (B) Three (3) randomly selected locations on every Food Waste Windrow each day.
- (v) Measure windrow core moisture at three (3) randomly selected locations on every Food Waste Windrow each day and record the results;
- (vi) Identify the beginning and ending dates of the fifteen (15) consecutive day PFRP period and identify the dates of the five (5) or more window turnings occurring during this period; and
- (vii) Inspect the surrounding area daily (Monday through Saturday) in the vicinity of site to detect odors emanating from the operation and record findings.
- (3) A copy of all journal entries made and analytical results received from groundwater sample analyses and final product analyses shall be submitted each month to the Division of Solid and Hazardous Waste - Bureau of Resource Recovery and Technical Programs before the 10<sup>th</sup> of the following month. The submissions shall be signed, certified and dated by the appropriate authorized agent for Eastern Organic Resources, L.L.C.
- (4) The holder of this general approval shall retain the recycling center operations journal at the recycling center for a period of five (5) years. Data collected shall be maintained on site and made available for NJDEP personnel inspection. Also, data collected shall be forwarded to the Department upon request.

(n) Residue

Residue, being the material that evolves from the processing of source separated recyclable material and is subsequently subject to disposal, inclusive of contaminants, shall not exceed 1% by volume of the total volume of the yard trimmings accepted during the year the material containing that residue was received. For the purpose of definition, the year shall start with the first day of the fall season on which leaves are received and end on the same day in the following year.

(o) Dust Control

Methods of effectively controlling dust shall be implemented at the recycling center in order to prevent off-site migration.

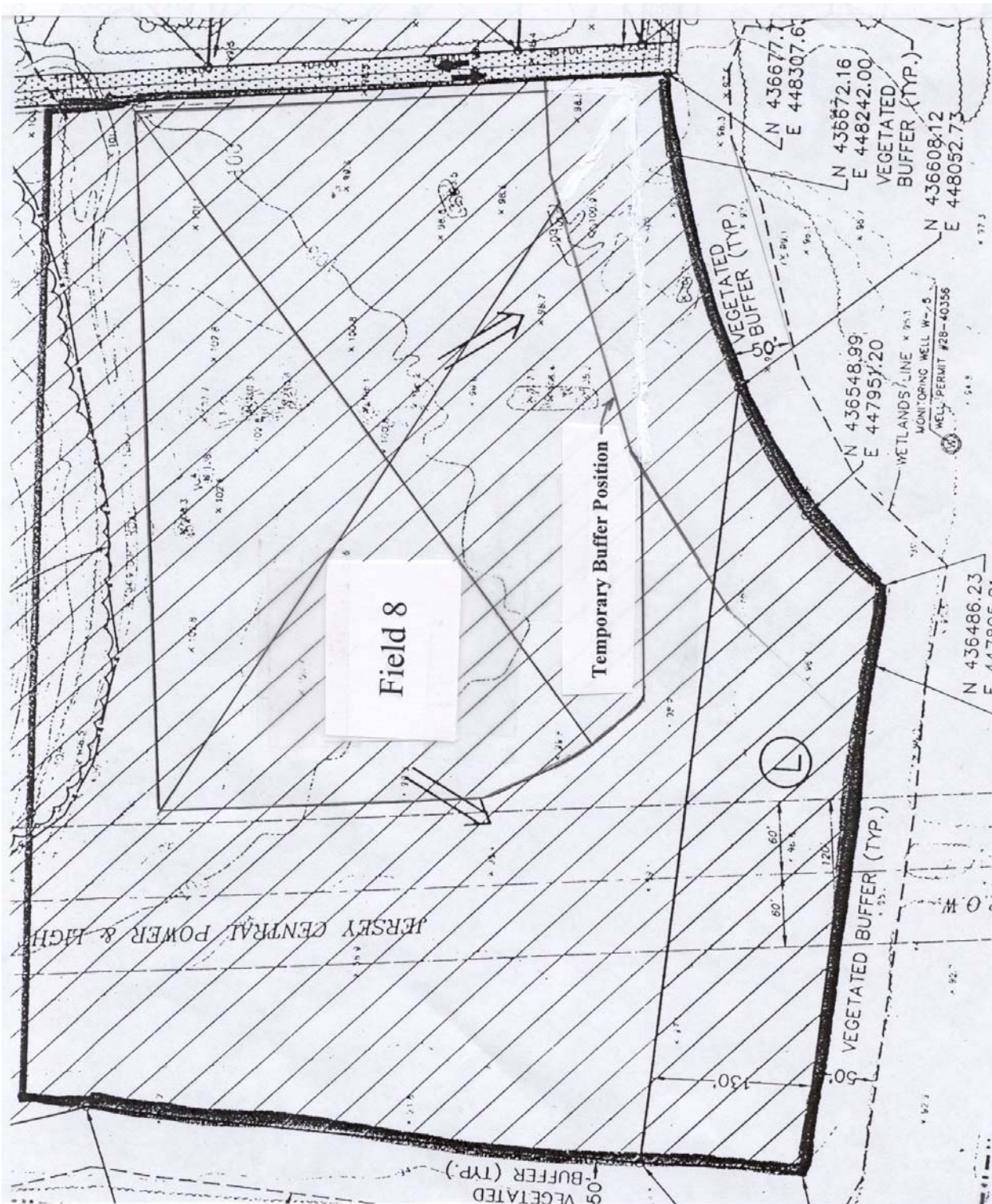
(p) Horizontal Controls

Horizontal control points for all operational areas shall be established and maintained on site. Permanent horizontal limitation markers shall be set at the corners of the various operational areas as depicted on the approved site plans. The operational areas include Fields 1, 2, 3, 4, 5, 5A, 6, 6A, 7, 7A, 8, A, B C, F, G, H, and I. Permanent horizontal limitation markers for the approximately 400' (north/south) by 600' (east/west) area of Field 8 shall be set at the corners of the operational area as depicted on page 35 of this approval. In addition markers shall be set representing all 1000-foot buffer line positions. Within (30) days from the date of issuance of this general approval, a joint site inspection between the holder of the general approval and representatives of the Department shall be scheduled by the holder of the general approval for the purpose of confirming the installation of the markers.

5. Performance Bond

The holder of this general approval shall provide financial assurance for facility closure in the amount of \$150,000.00 consisting of a base performance bond or letter of credit in the amount of \$75,000.00 and an escrow account of \$75,000.00 developed over three years from issuance of the general approval. Within ninety (90) calendar days of the date of issuance of this general approval, the holder of this general approval shall provide a Performance Bond or Irrevocable Standby Letter of Credit in the format specified at N.J.A.C. 7:26A-3.4(d) or (e) respectively in the amount of \$75,000.00 to the Division of Solid and Hazardous Waste, Bureau of Resource Recovery and Technical Programs. The holder of this general approval shall also establish an escrow account and deposit money accumulating \$75,000.00 over a three-year period for the purpose of increasing the performance bond or letter of credit to \$150,000.00. The holder of this general approval shall submit to the Division of Solid and Hazardous Waste a copy of the escrow account statement every six months from issuance of this general approval.

## FIELD 8 PLOT PLAN



End of Section III